

## **MOVEMENT DISORDER STIMULATION WITH NEURAL BLOCK**

### **ABSTRACT OF THE DISCLOSURE**

A method and apparatus for treating patients suffering from involuntary  
5 movement disorders (including epilepsy) by stimulating a selected cranial nerve of the  
patient with an electrical signal applied to induce a signal at brain by applying an  
electrical signal at the nerve to ameliorate the disorder and by applying a neural  
conduction block at the nerve selected to at least partially block nerve impulses on said  
nerve at a blocking site and reduce adverse effects of said signal on an organ.